

FIG.1

2/78

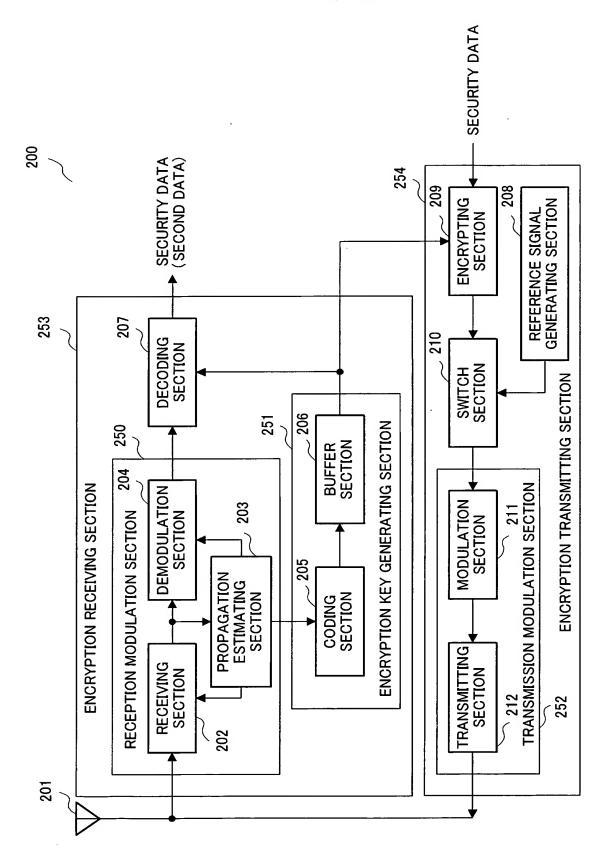


FIG.2

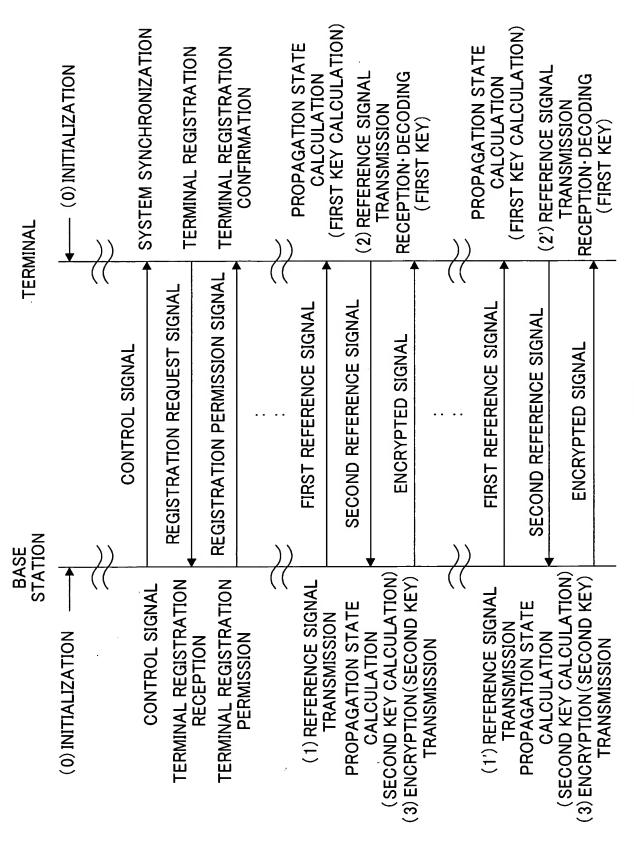


FIG.3

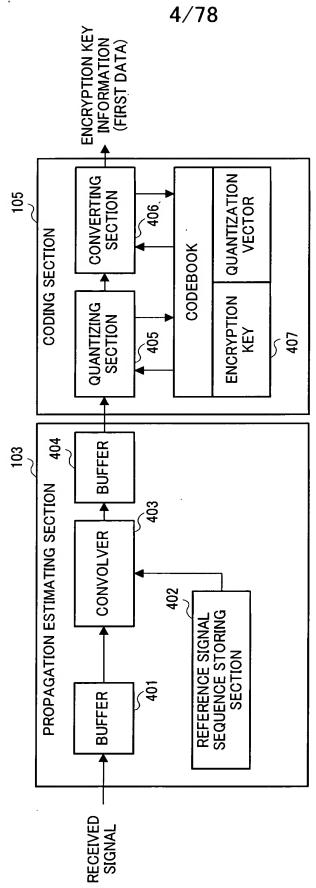
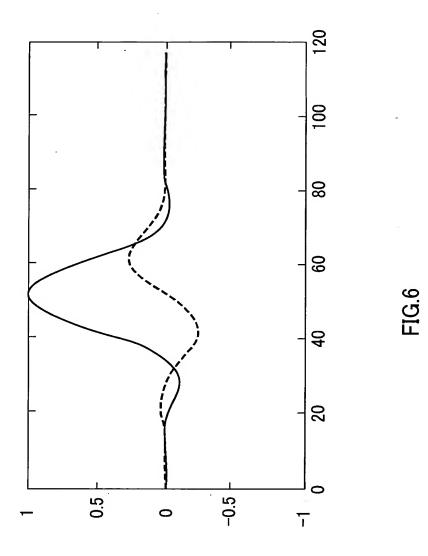
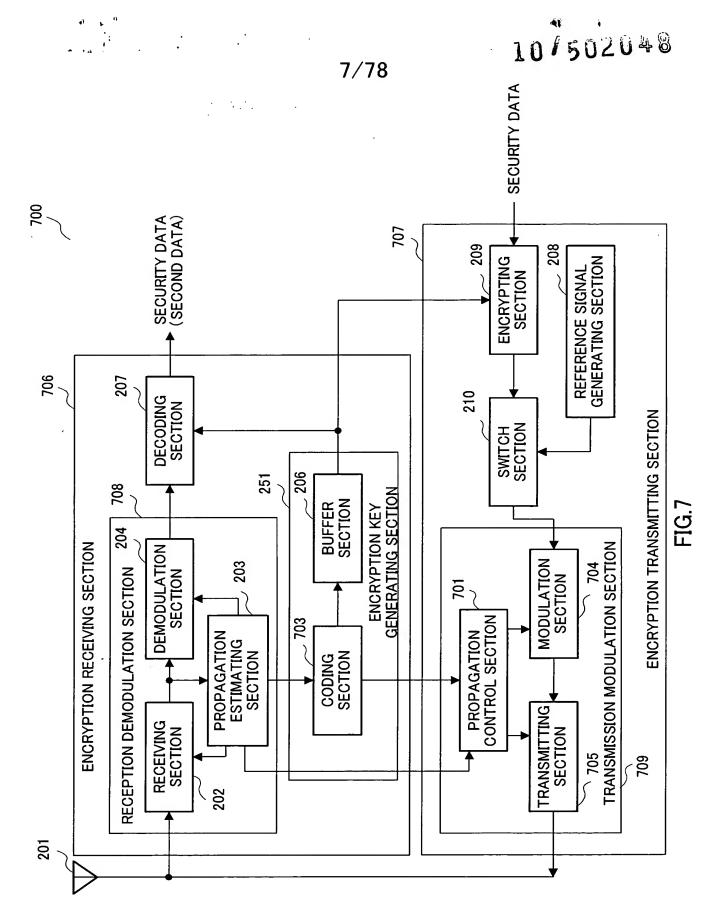


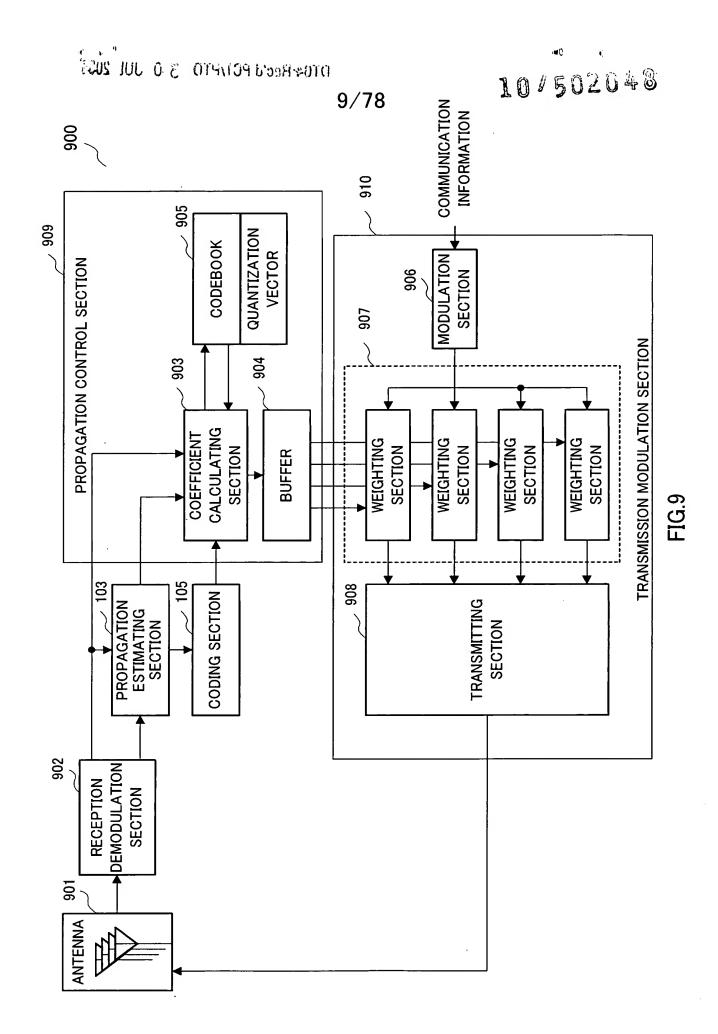
FIG.4

СОДЕВООК	ENCRYPTION KEY	aAnPoCgk	Yncwkopq	BemkingT	qCTuNVpz	RkPoCvvW	uCqDGwpo	LfUUfEzc	IlueGenc	
	QUANTIZATION VECTOR									

-1G.5







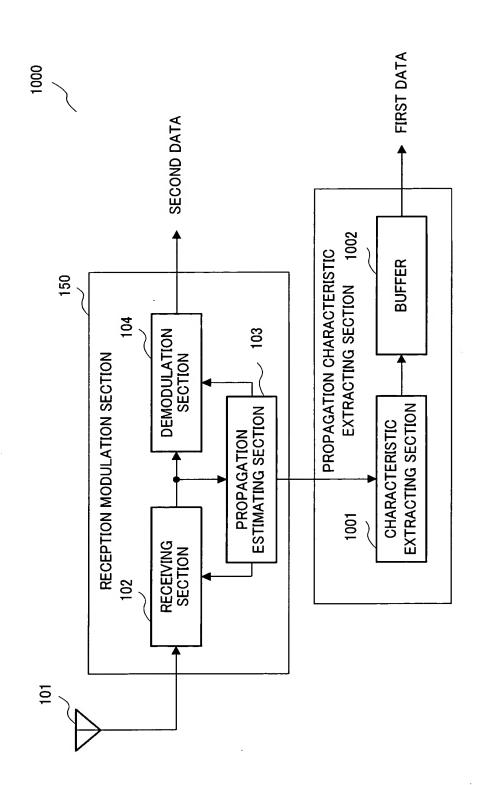


FIG.10

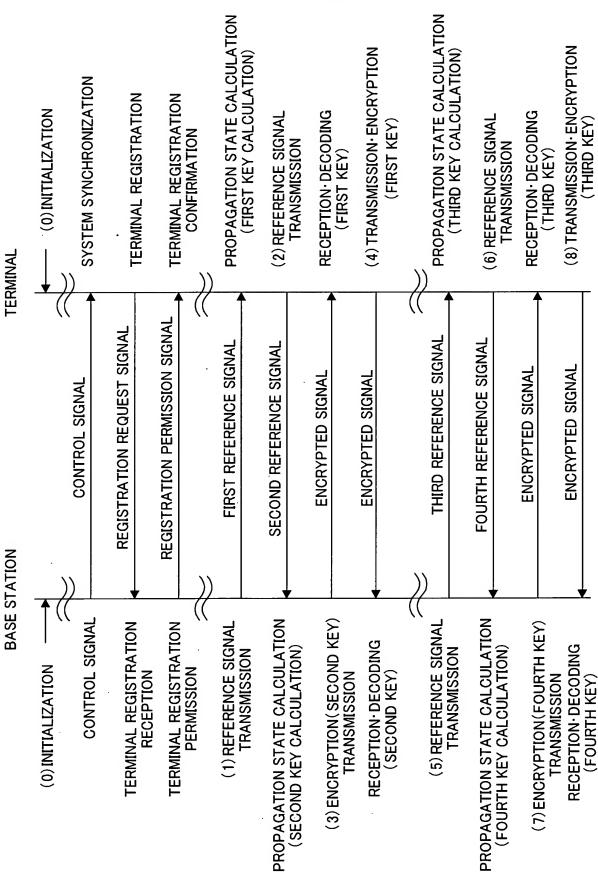


FIG.11

FRAME STRUCTURE(a)

(ENCRYPTED INFORMATION) DATA

REFERENCE SIGNAL

(ENCRYPTED INFORMATION) DATA

REFERENCE SIGNAL

(ENCRYPTED INFORMATION)

FRAME STRUCTURE(b)

(ENCRYPTED INFORMATION)

REFERENCE SIGNAL

REFERENCE SIGNAL

(ENCRYPTED INFORMATION) DATA

REFERENCE SIGNAL

REFERENCE

DATA (K3)

INFORMATION:K2) (ENCRYPTED

FIG.12

FRAME STRUCTURE(c)

DATA

REFERENCE SIGNAL (K2)

(NFORMATION:K0) (ENCRYPTED

DATA

REFERENCE SIGNAL Ξ

INFORMATION:K1) (ENCRYPTED

SIGNAL

30	UPMON	g gen en la	13/7	8	1
(5a)	DATA (ENCRYPTED INFORMATION)	PROPAGATION CONTROL FOR DATA COMMUNICATION	(36)	REFERENCE SIGNAL	PROPAGATION CONTROL FOR ENCRYPTION KEY
(4a)	REFERENCE	PROPAGATION CONTROL FOR ENCRYPTION KEY		DATA (ENCRYPTED INFORMATION)	PROPAGATION CONTROL FOR DATA COMMUNICATION
(3a)	DATA (ENCRYPTED INFORMATION)	PROPAGATION CONTROL FOR DATA COMMUNICATION	(2b)	REFERENCE SIGNAL I	PROPAGATION F CONTROL FOR CON
(2a)	DATA (ENCRYPTED INFORMATION)	PROPAGATION CONTROL FOR DATA COMMUNICATION	(1b)	DATA (ENCRYPTED INFORMATION)	PROPAGATION CONTROL FOR DATA COMMUNICATION
(1a)	REFERENCE	PROPAGATION CONTROL FOR ENCRYPTION KEY	(1	REFERENCE SIGNAL	PROPAGATION CONTROL FOR ENCRYPTION KEY
	COMMUNICATION	CONTROL		COMMUNICATION	CONTROL

FIG. 13

And Bridge

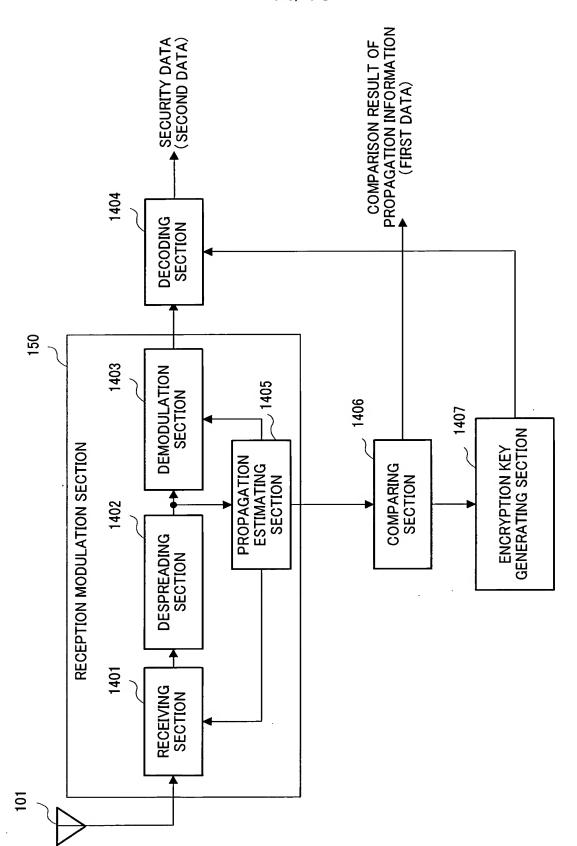
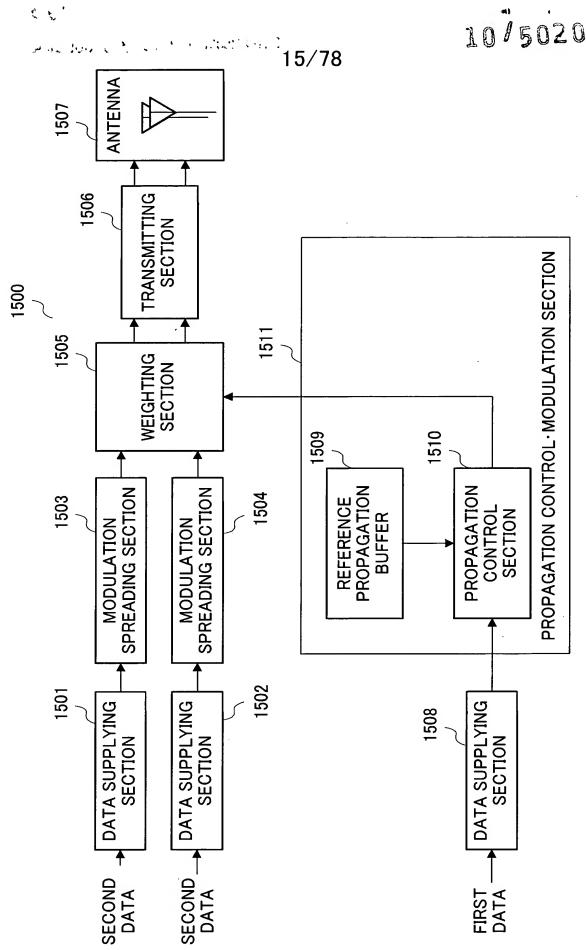


FIG.14



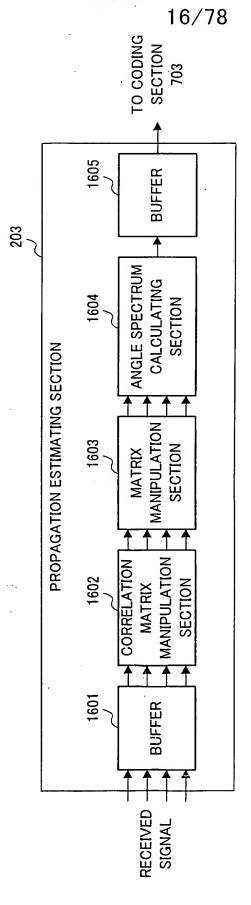


FIG. 16

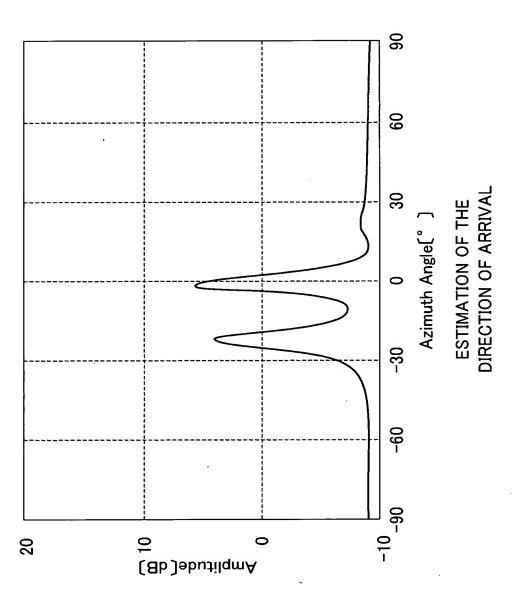
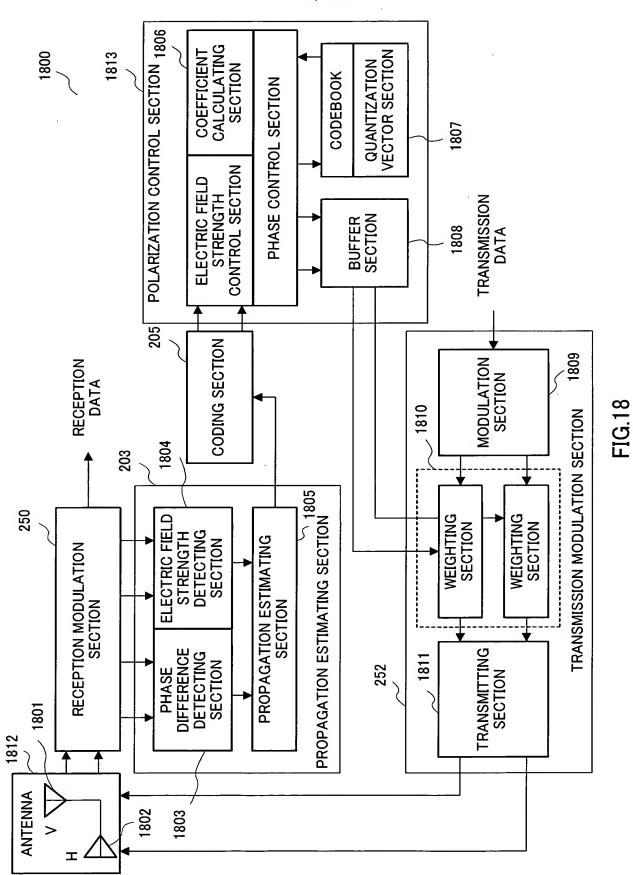
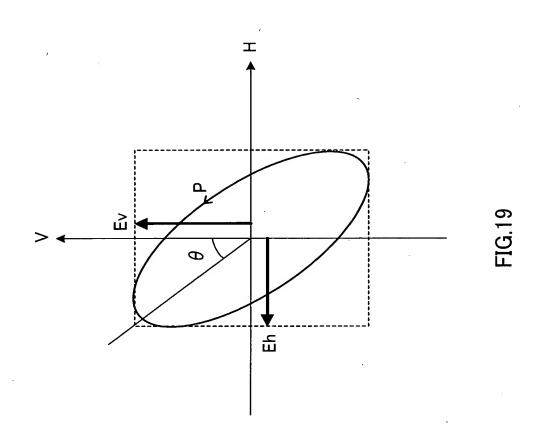


FIG.17





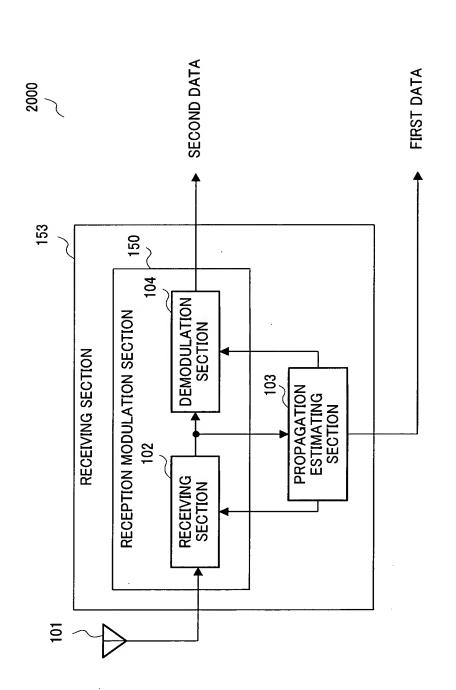
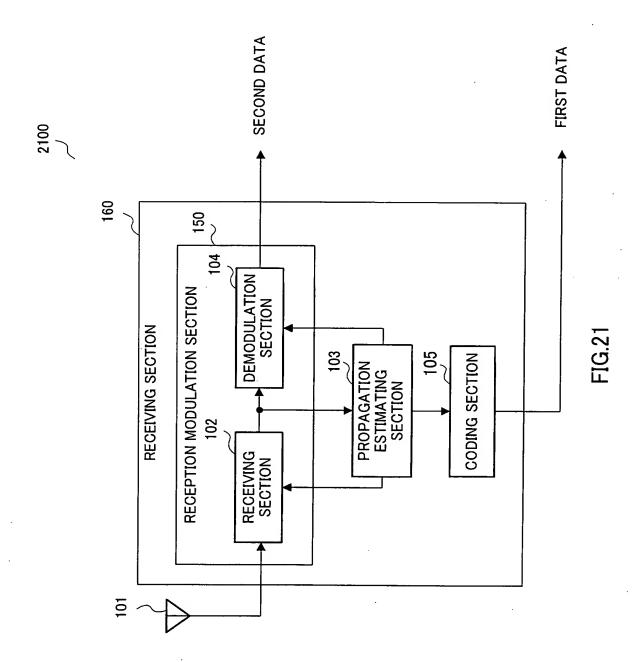


FIG.20

STATE OF SET



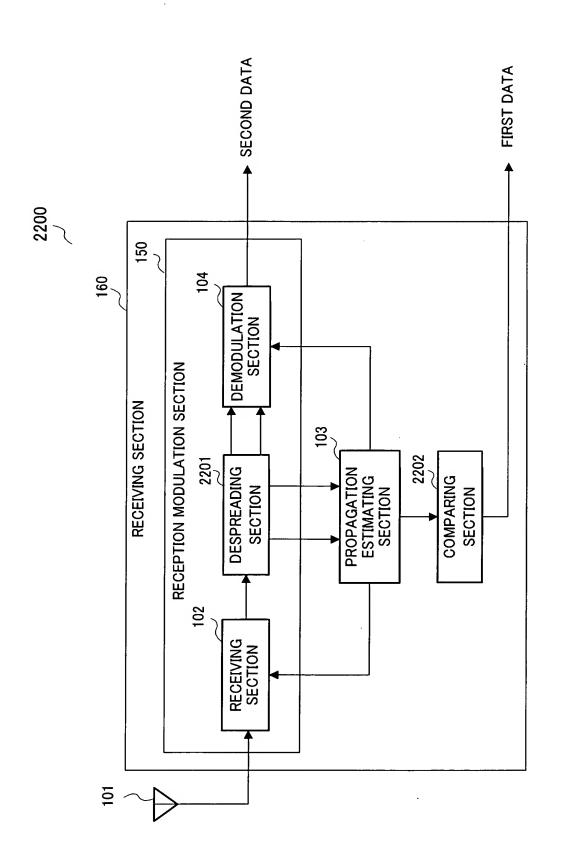
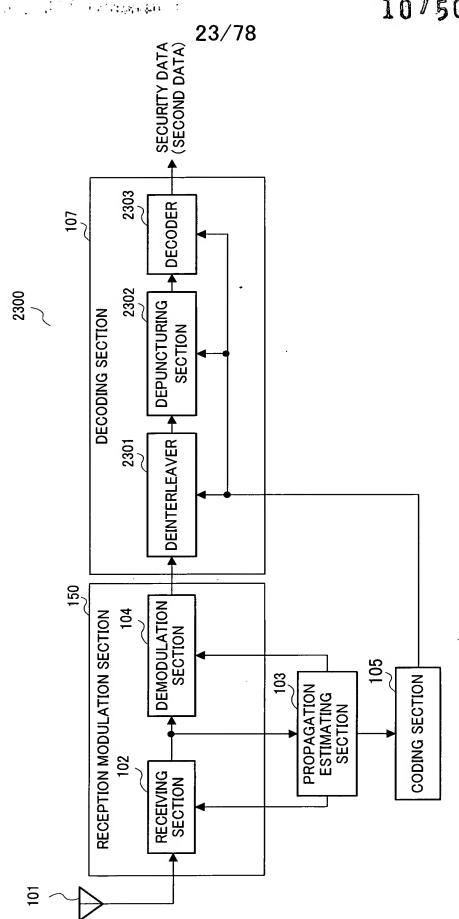
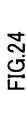
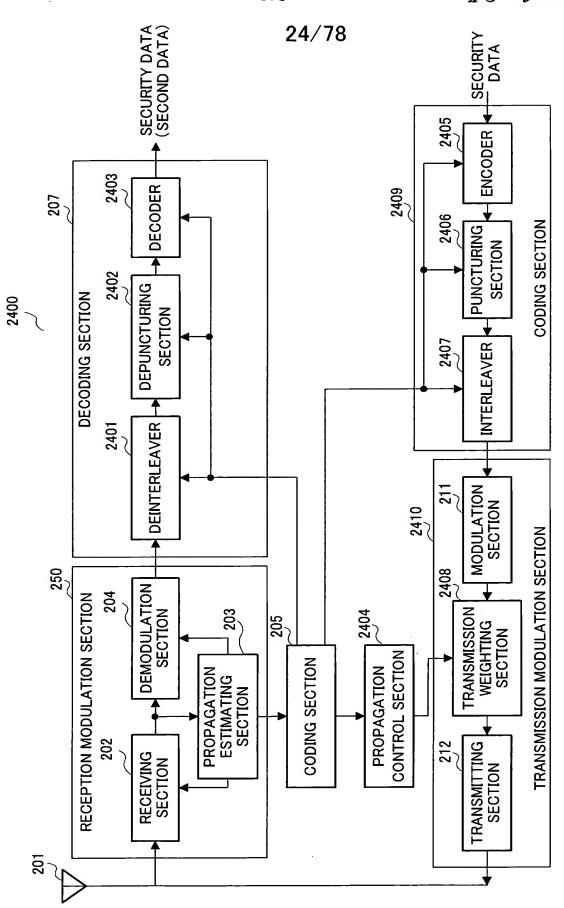
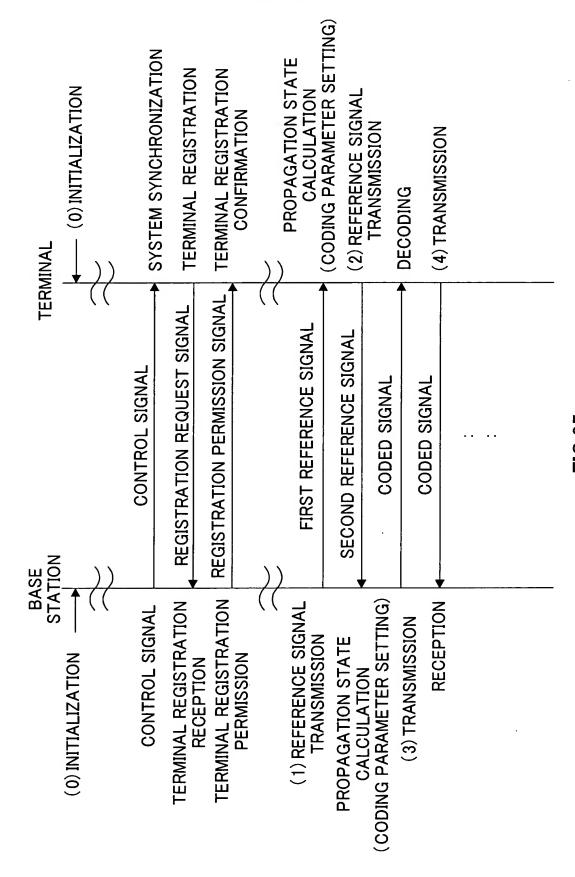


FIG.22

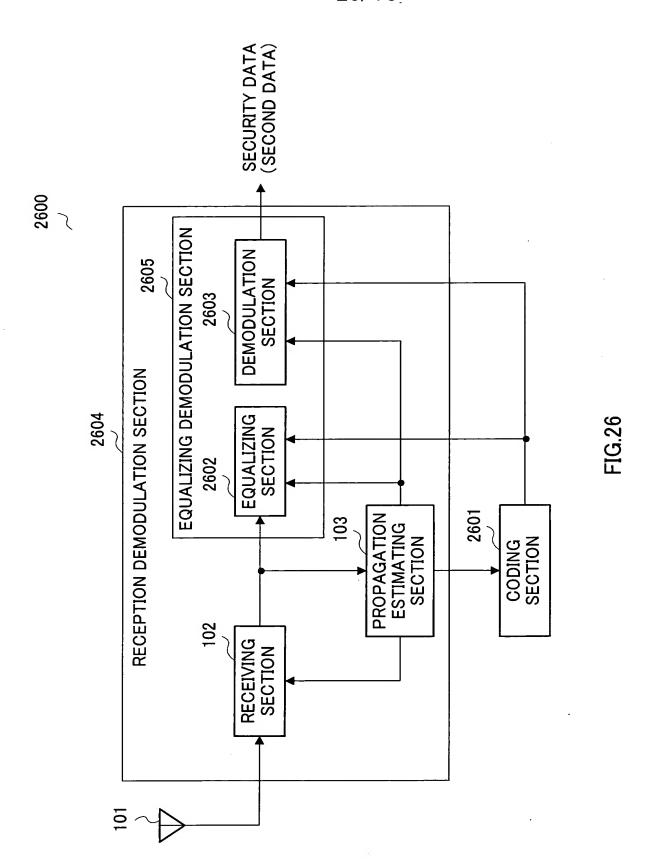








HG.25



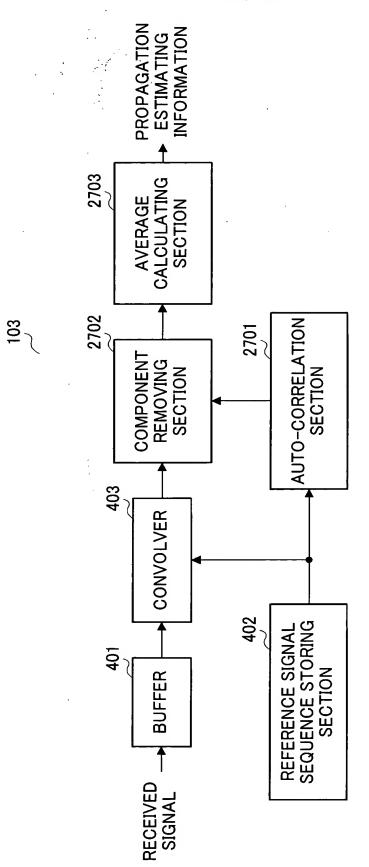
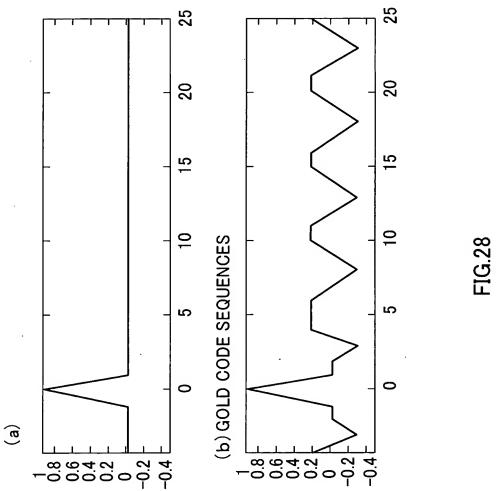
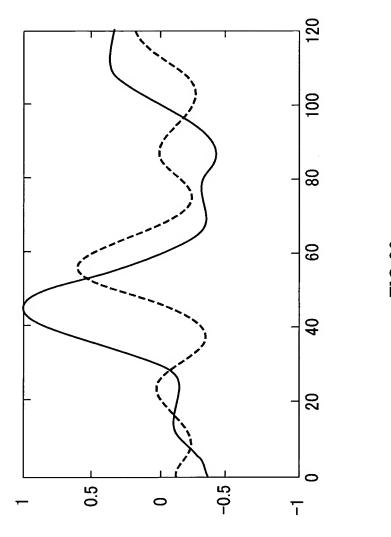
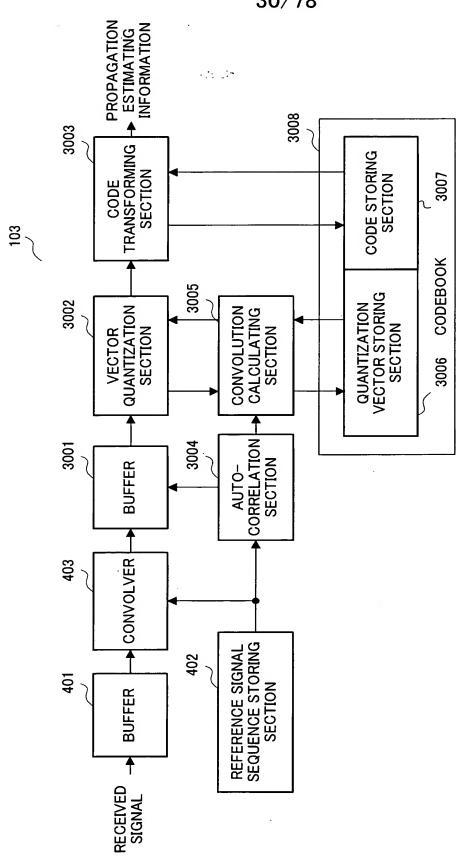
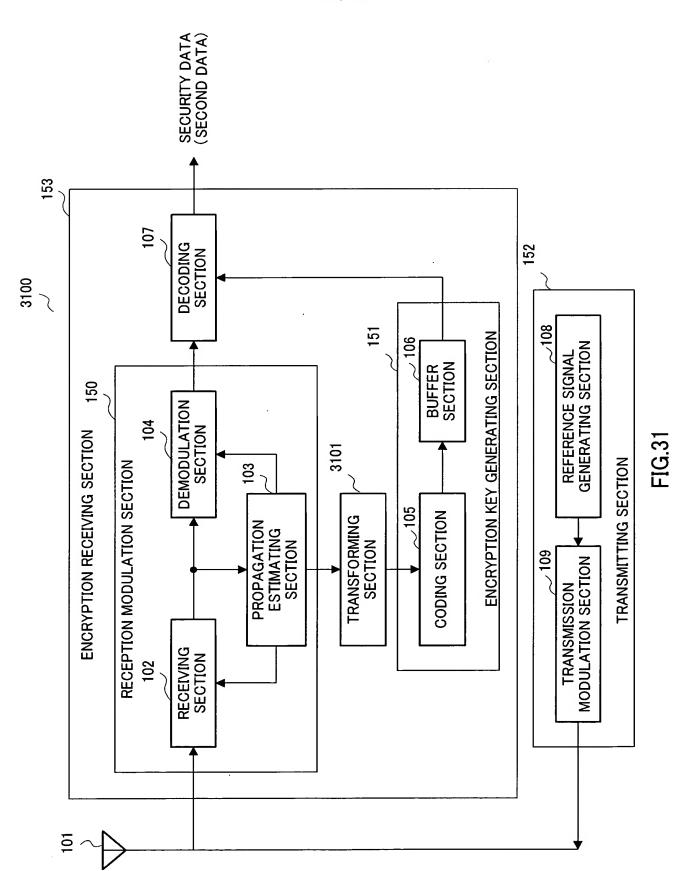


FIG.27









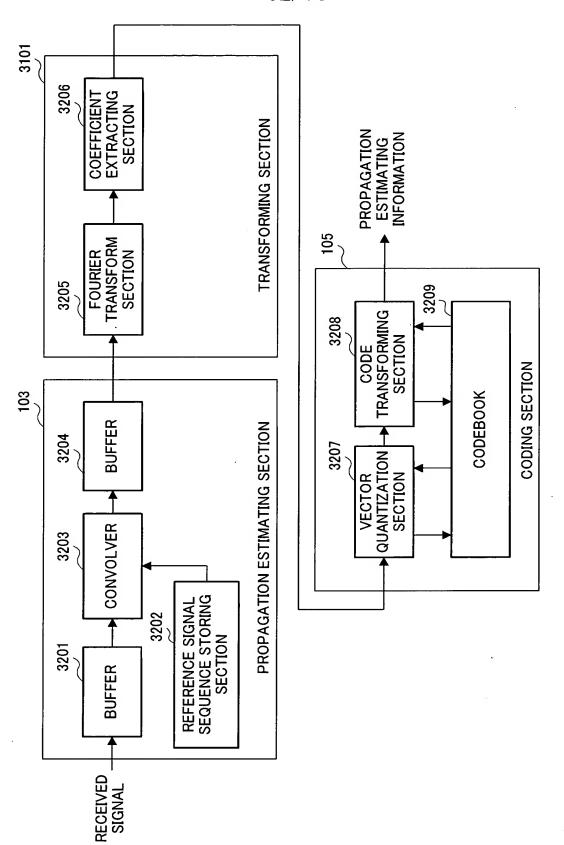


FIG.32

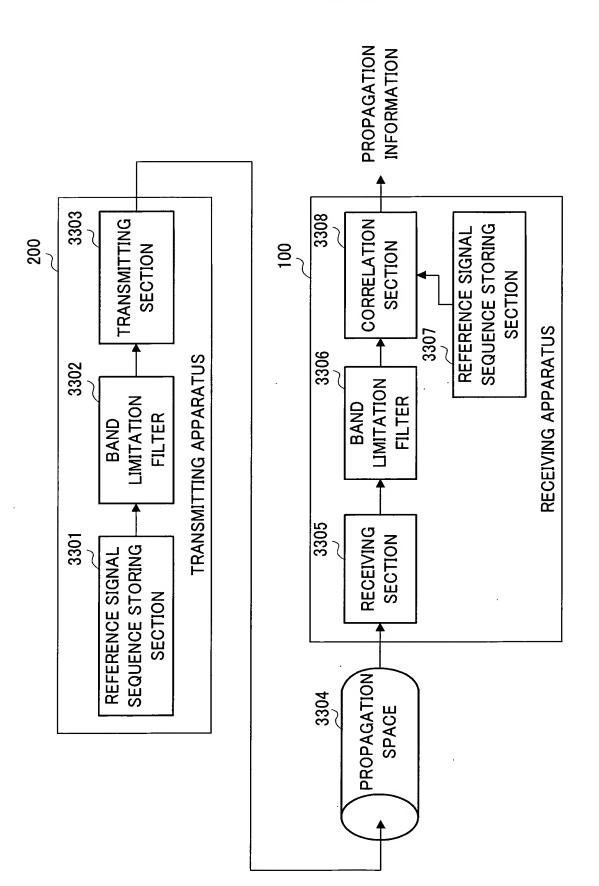
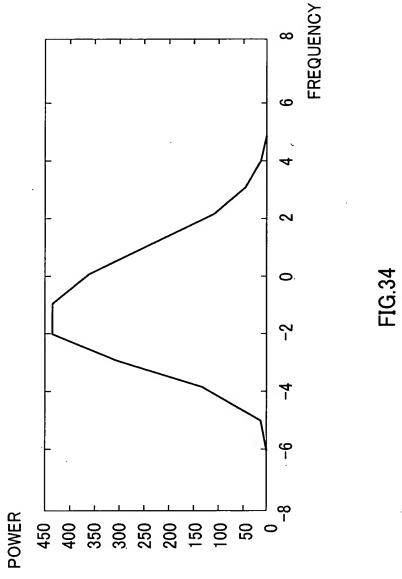
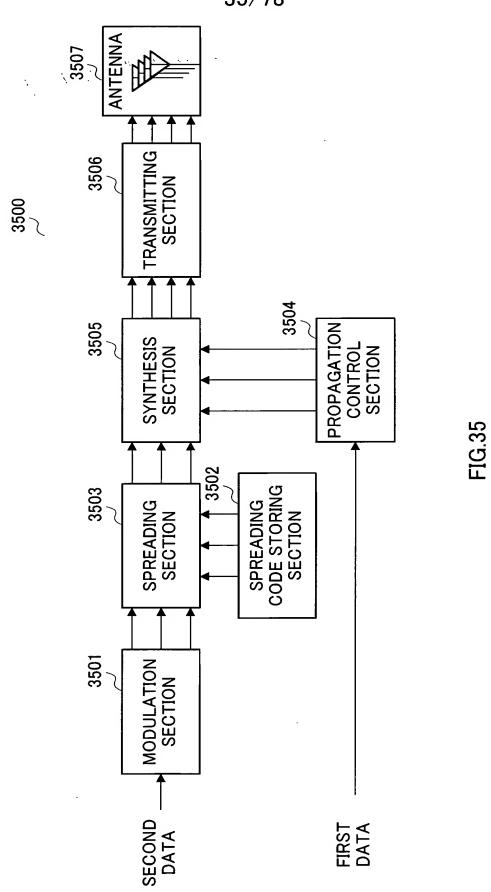


FIG.33





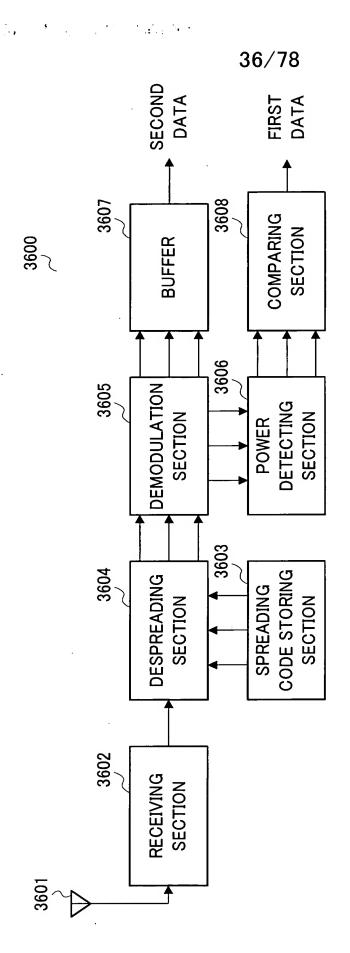


FIG.36

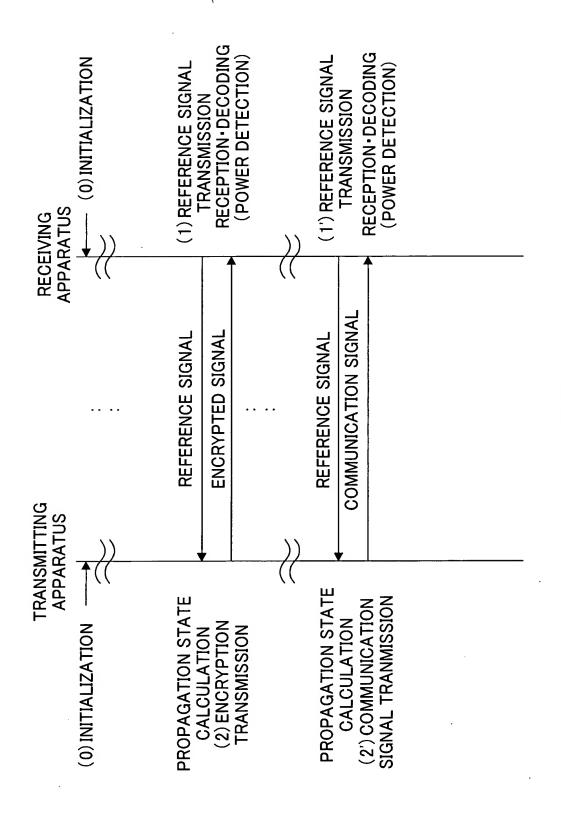


FIG.37

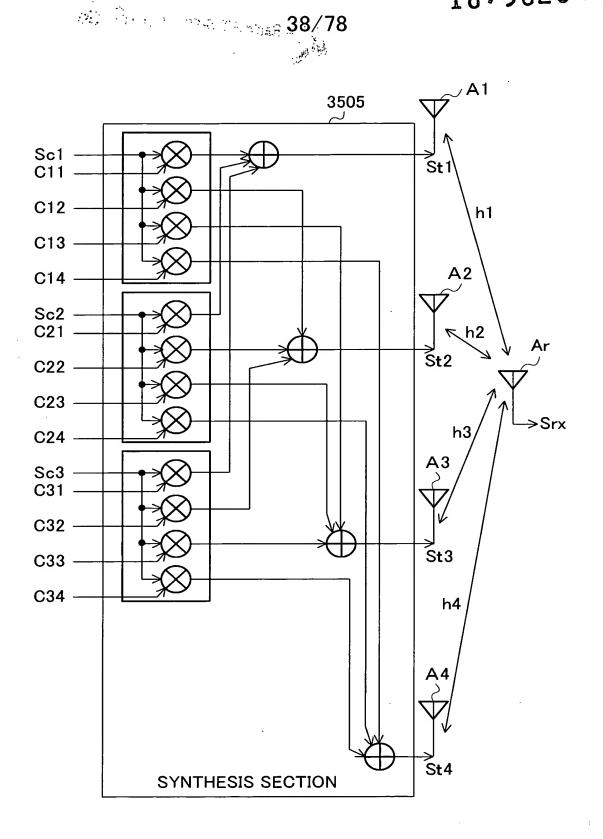


FIG.38

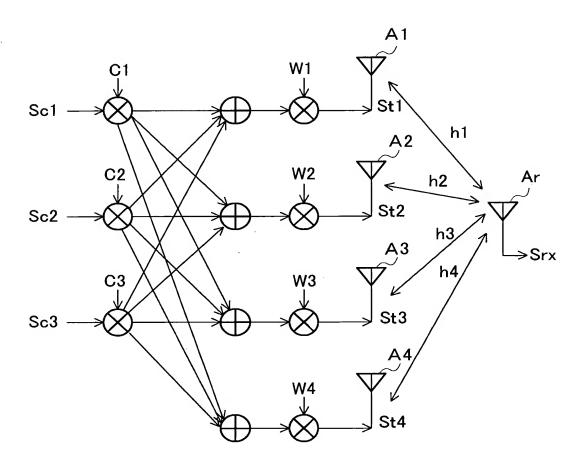
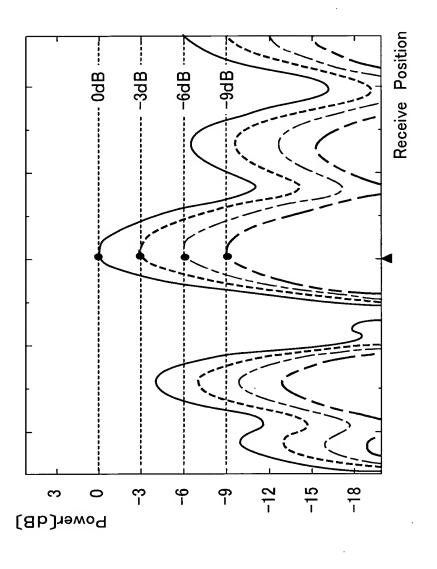
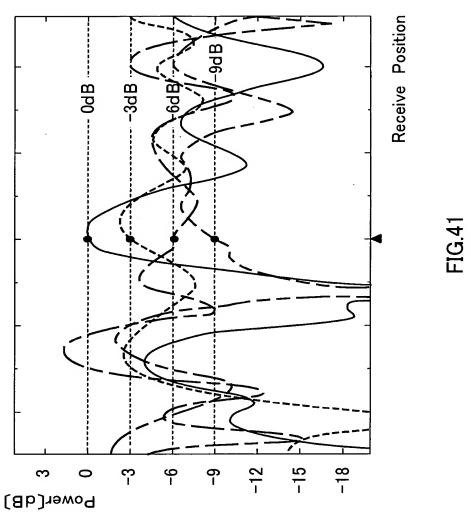
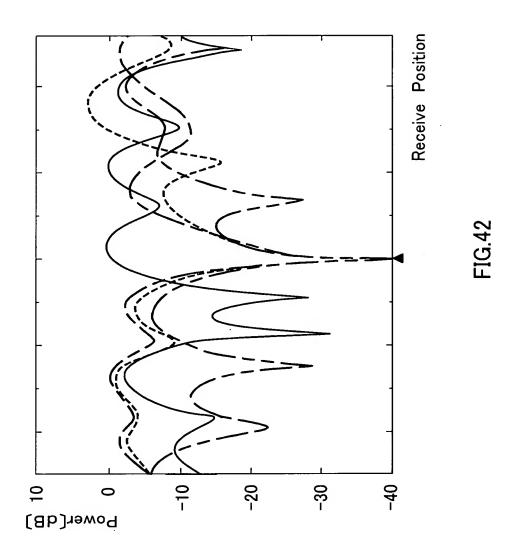


FIG.39







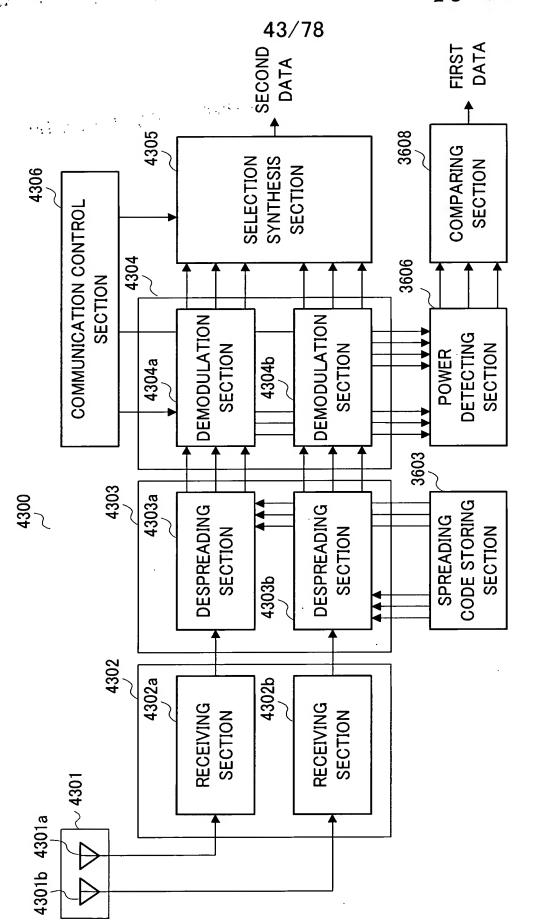


FIG.43

FIG.44

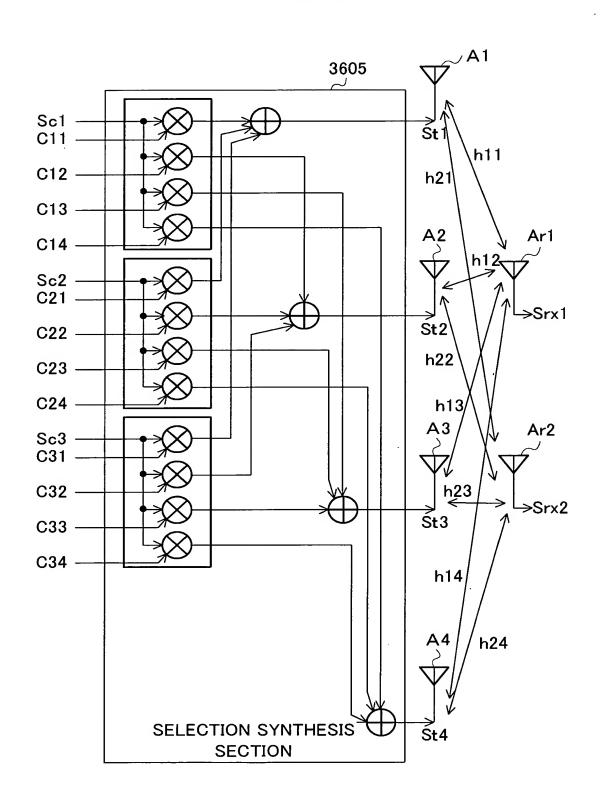


FIG.45

LEATH SUMMERS

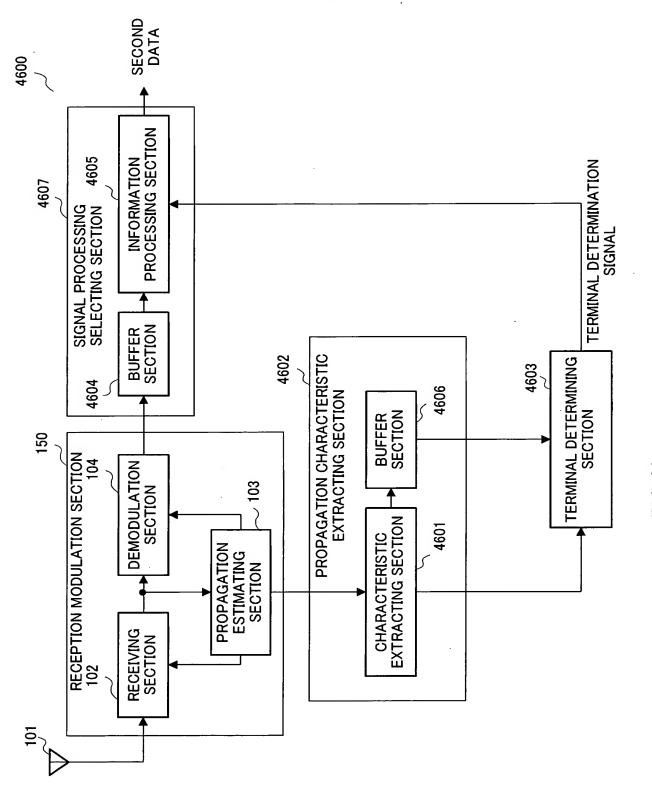


FIG.46

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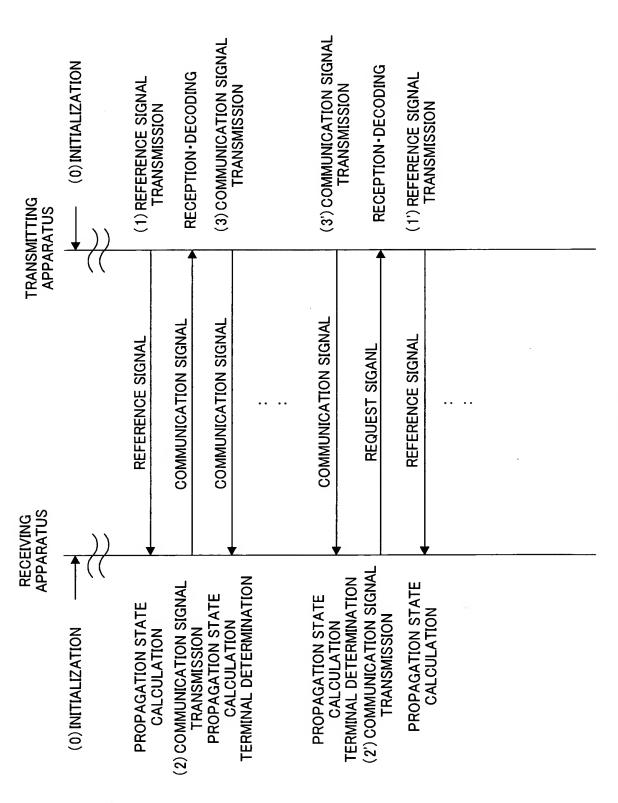


FIG.47

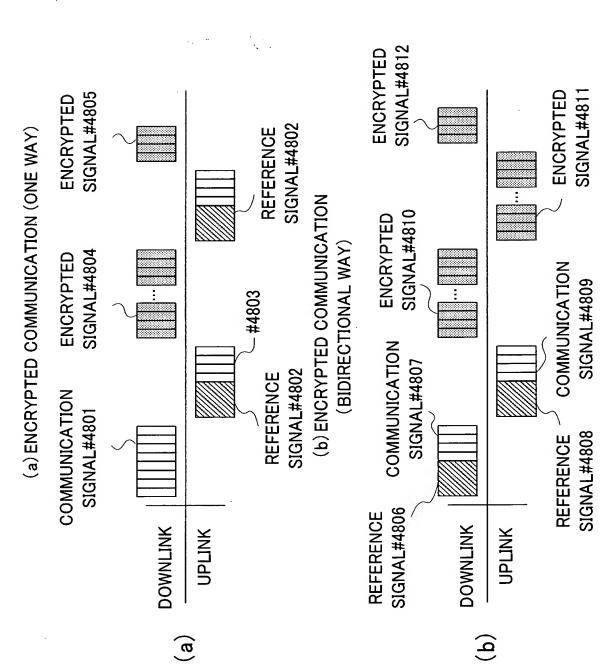


FIG.48

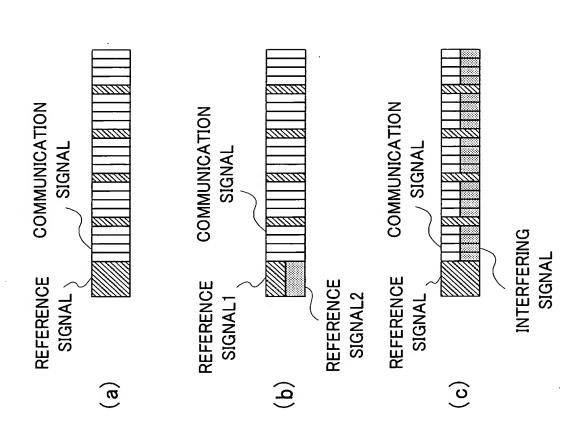


FIG.49

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DATAn	• •	DATA2	DATA1
DATAn	••	DATA2	DATA1
DATAn		DATA2	DATA1
DATAn	•	DATA2	DATA1
DATAn	•	DATA2	DATA1
	PILOT	SIGNAL	

(b) FRAME STRUCTURE2

••	DATA1	PILOT SIGNAL
••	DATA1	PILOT SIGNAL
•	DATA1	PILOT SIGNAL
•	DATA1	PILOT SIGNAL
•	DATA1	PILOT SIGNAL
	DATA1	PILOT SIGNAL
		EDATAI DATAI DATAI

(c) FRAME STRUCTURE3

DATAn		DATAn	DATAn	DATAn	DATAn
	•••			••	• -
PILOT PILOT SIGNALM SIGNALM	PIL(IGN/	OT ALm	PILOT SIGNALm	PILOT SIGNALm	PILOT SIGNALm
	••		••		• •
DATA1 DATA1	DAT	.A1	DATA1	DATA1	DATA1
PILOT PILOT SIGNAL1	PIGN	OT AL1	PILOT SIGNAL1	PILOT SIGNAL1	PILOT SIGNAL1

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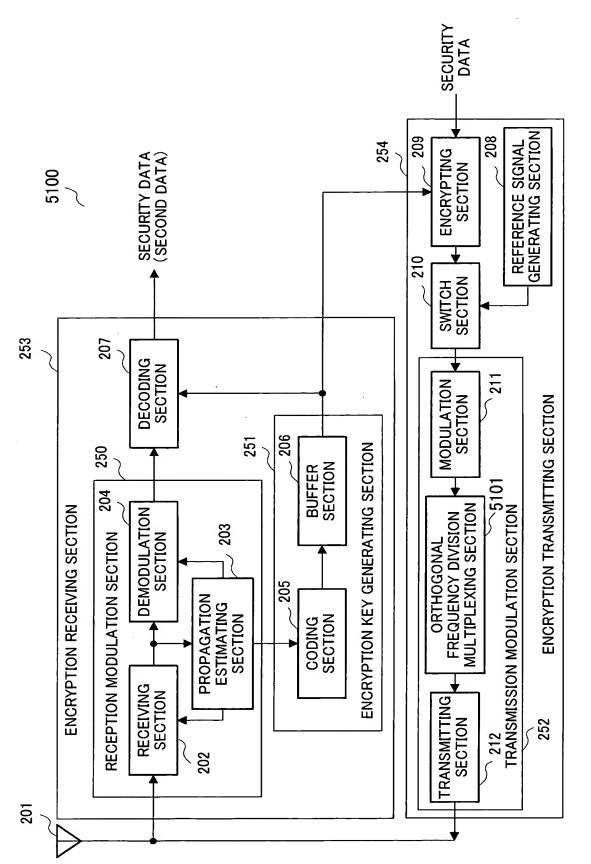
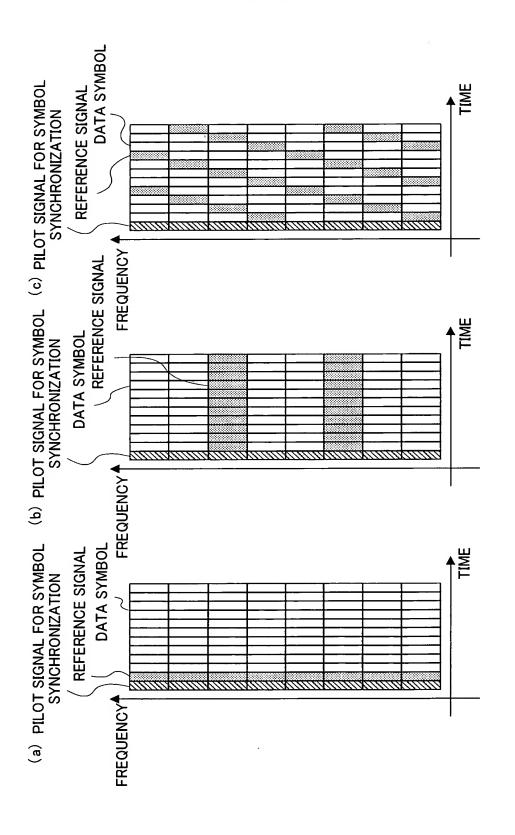


FIG.51

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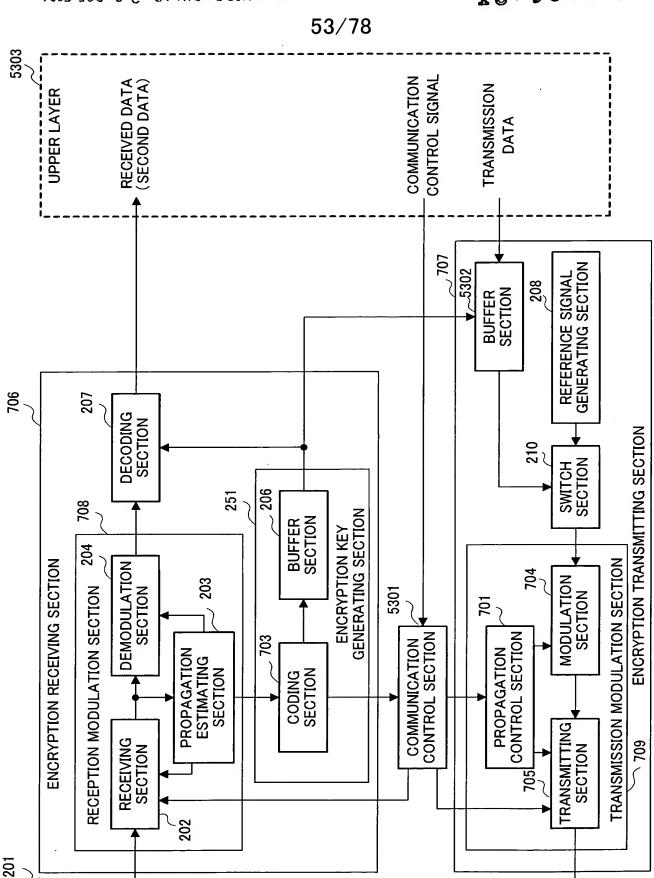
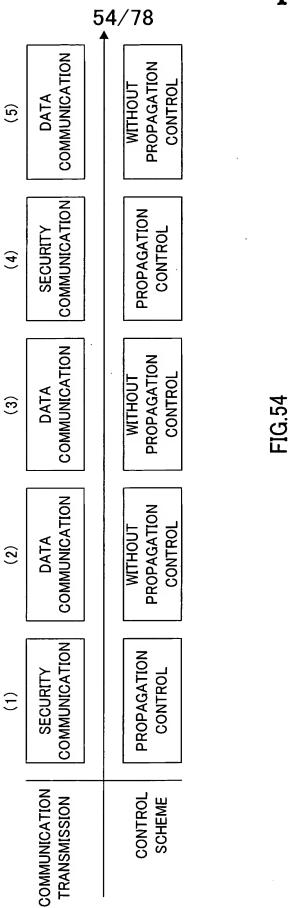


FIG.53



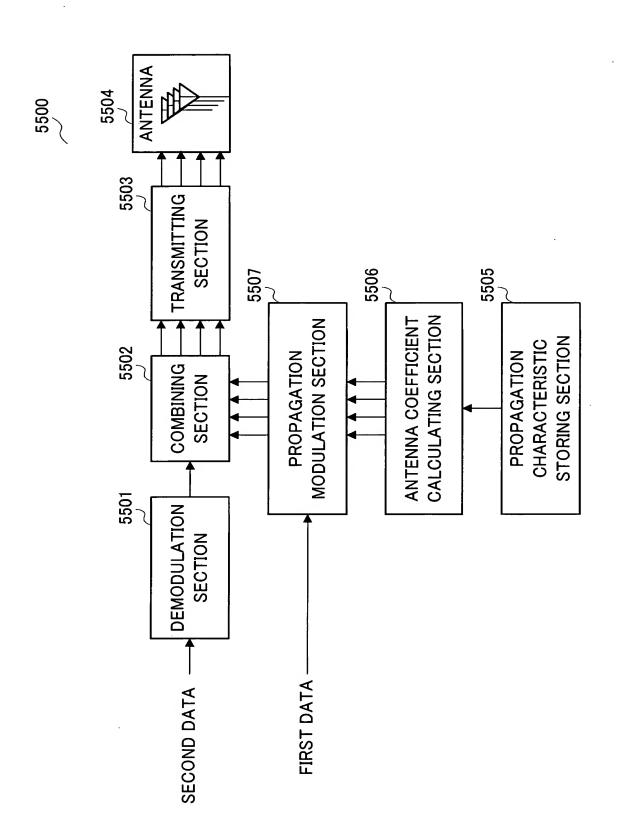


FIG.55

See Sec.

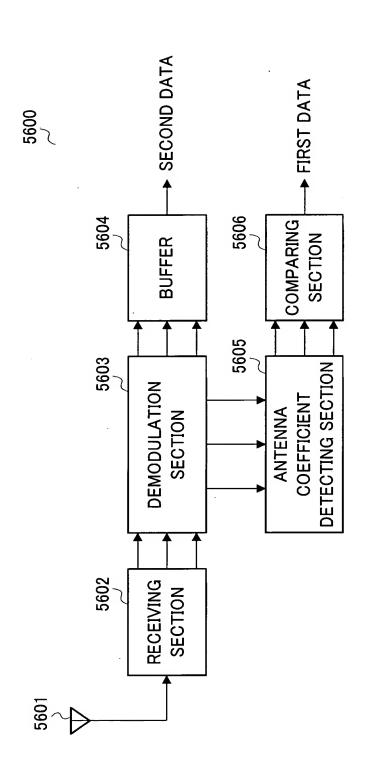
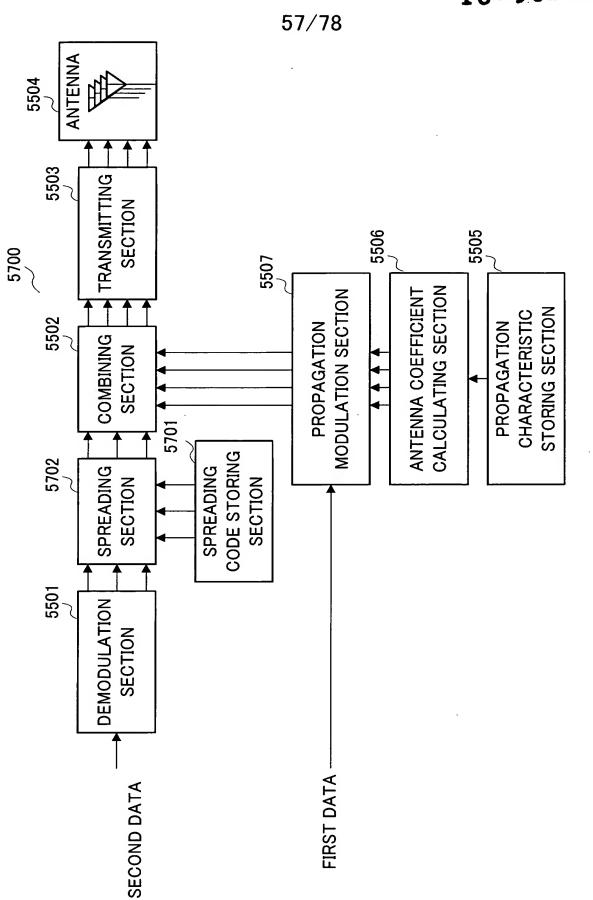


FIG.56



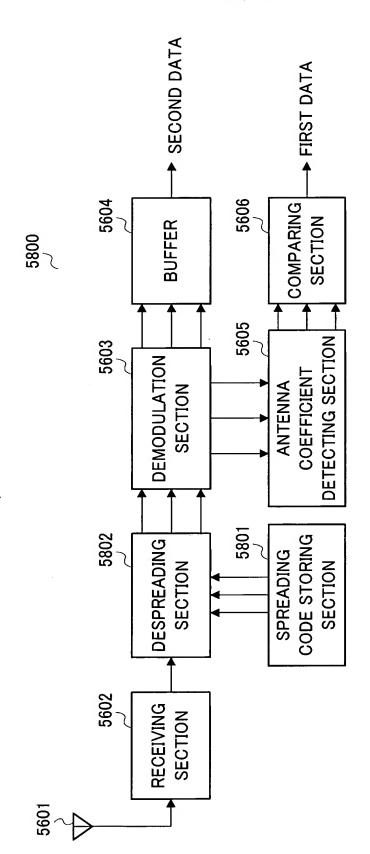
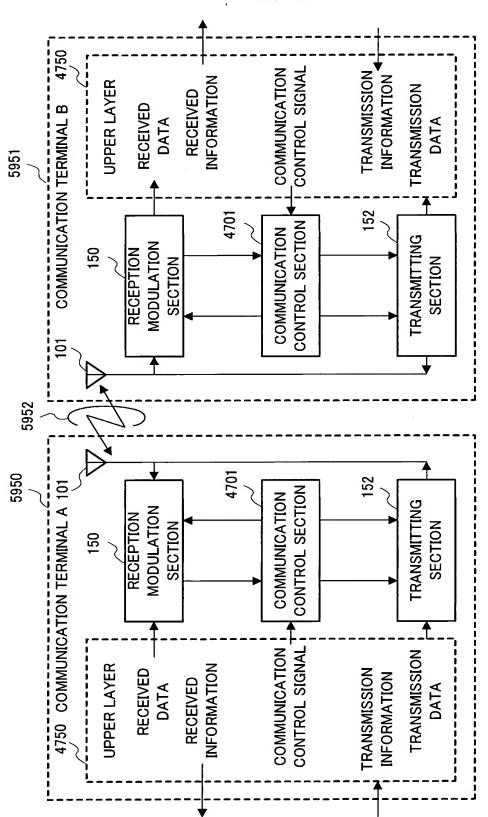


FIG.58



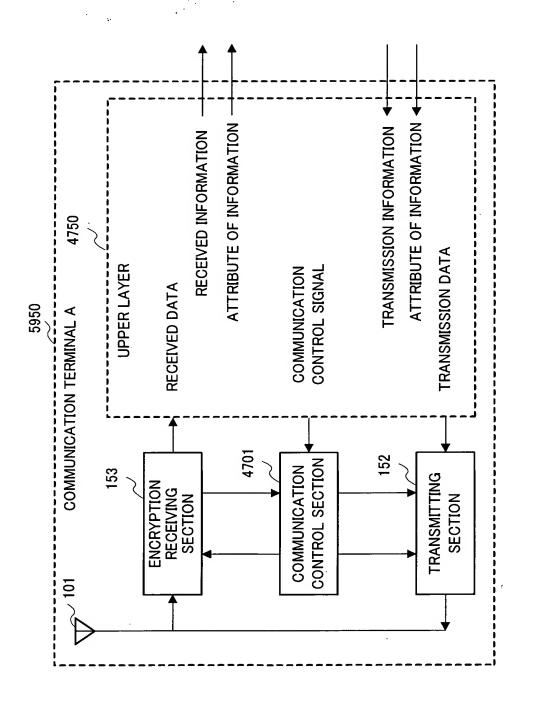
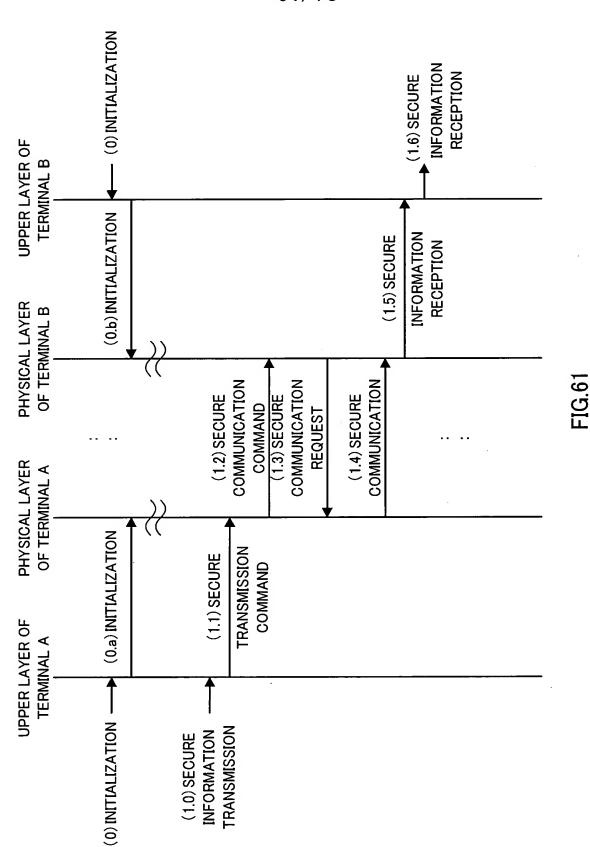
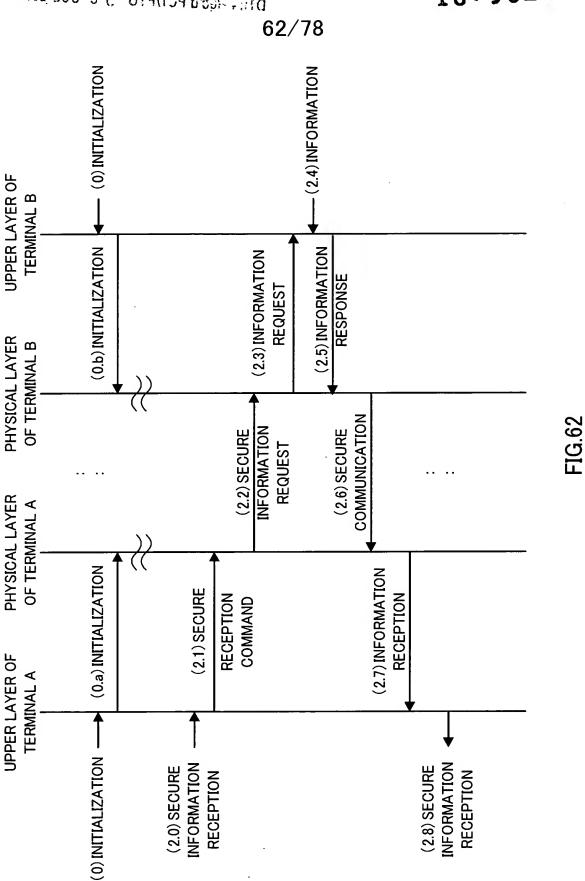
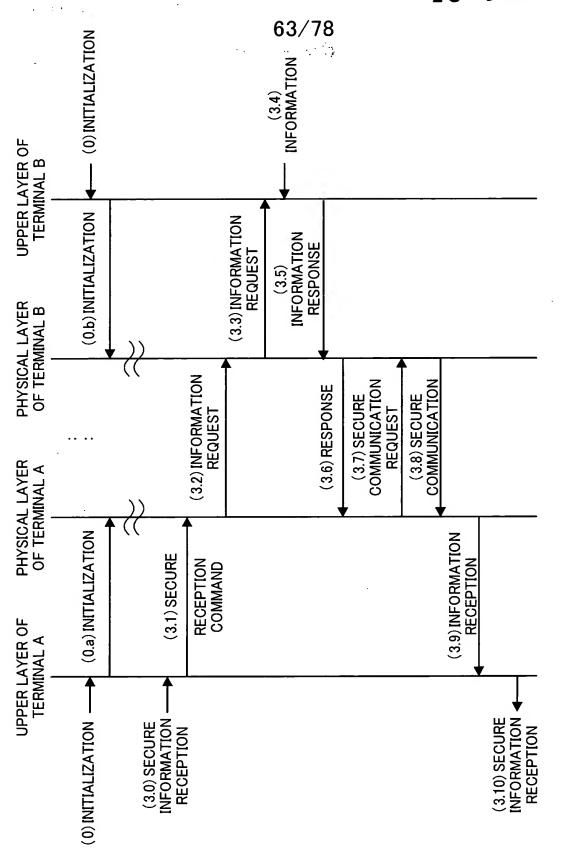
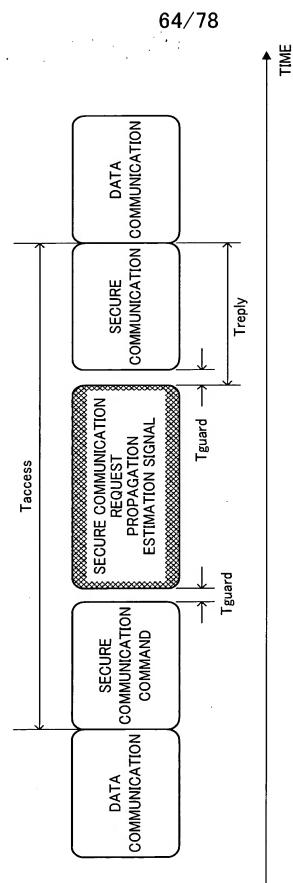


FIG.60









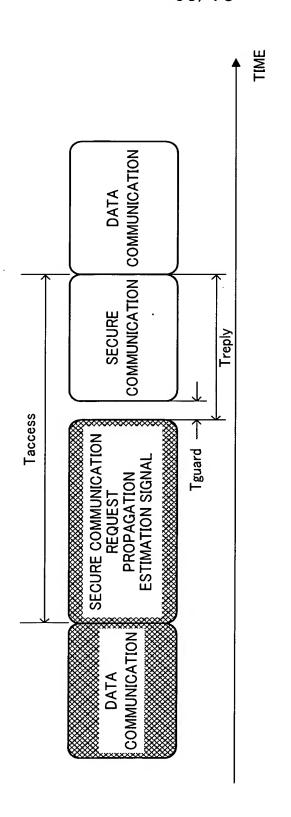
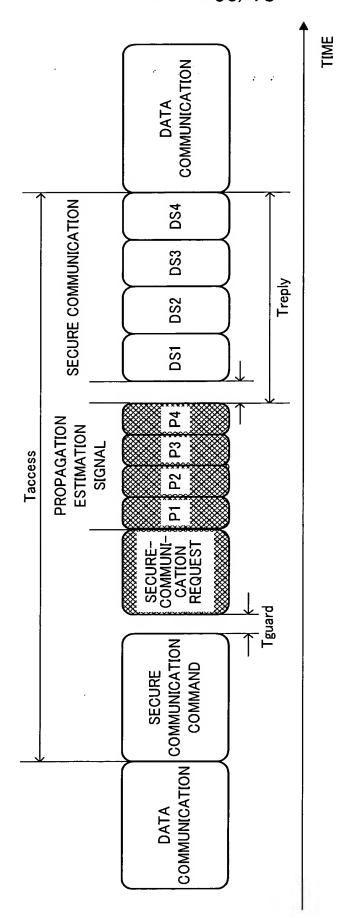
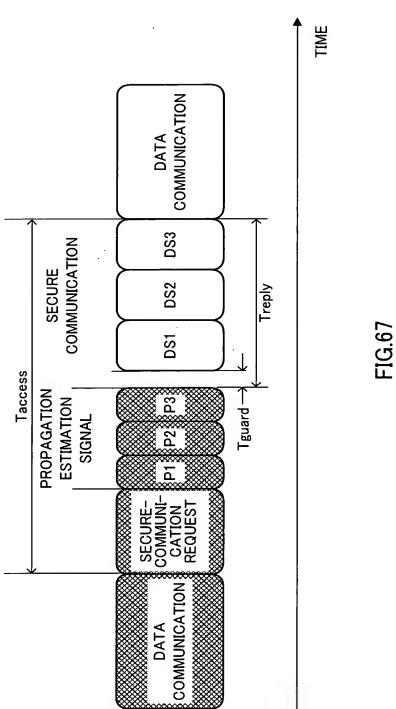


FIG.65





, a.

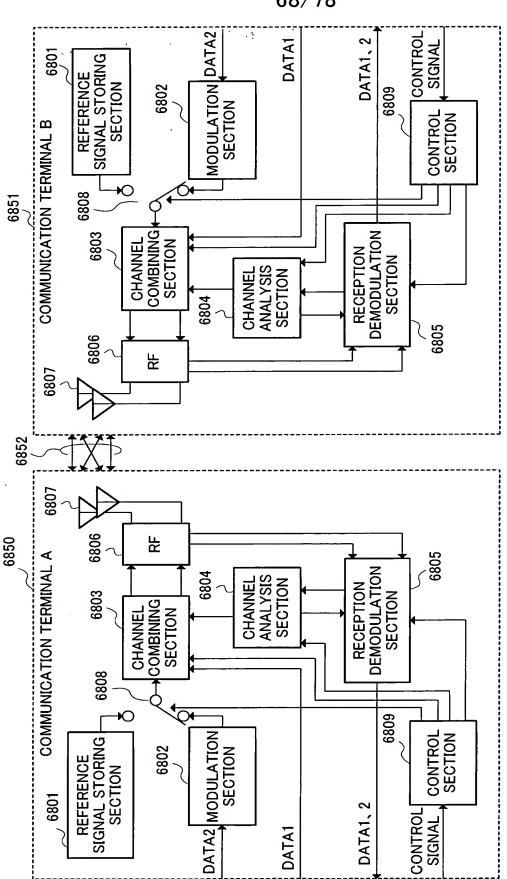
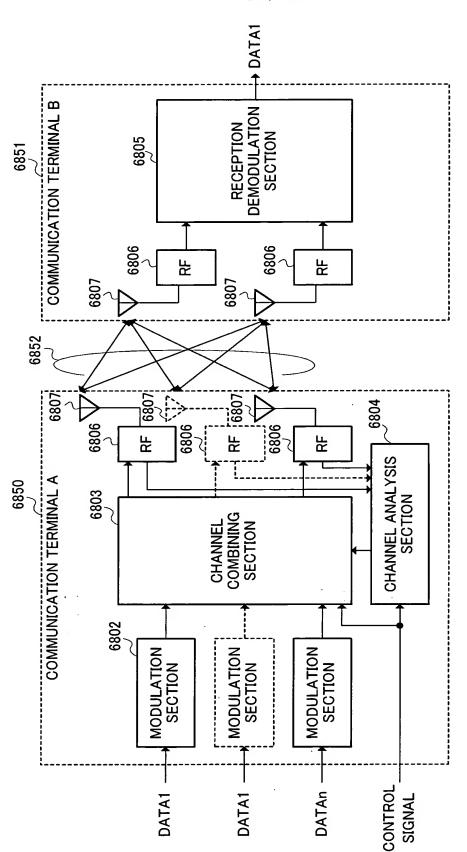


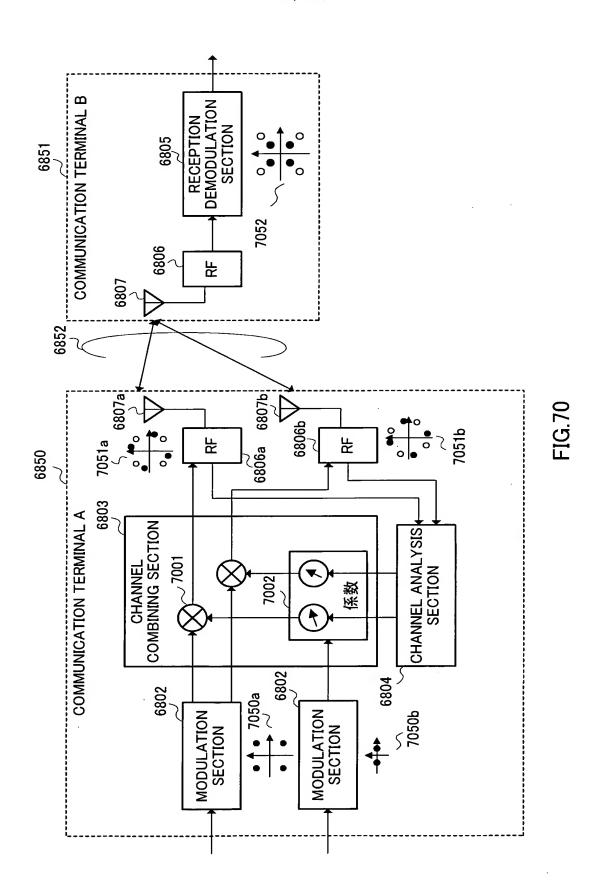
FIG.68

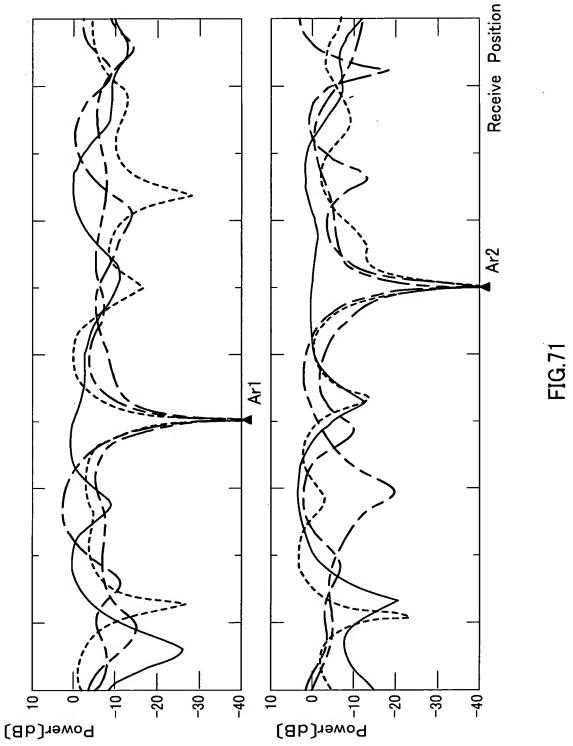
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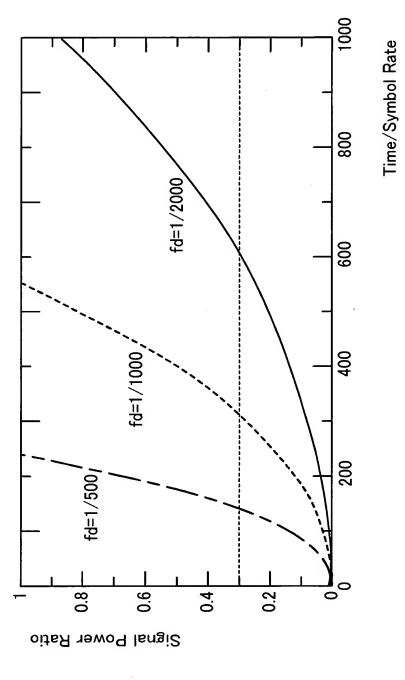
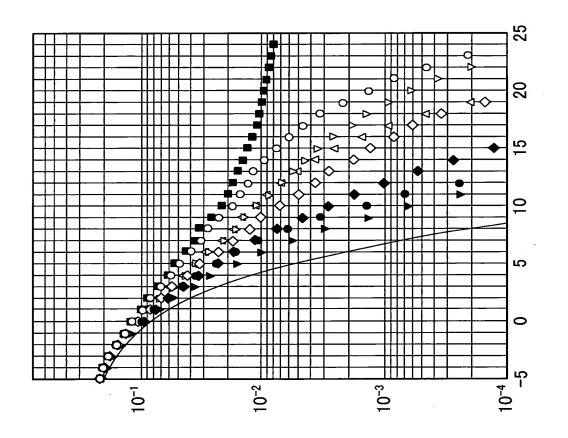
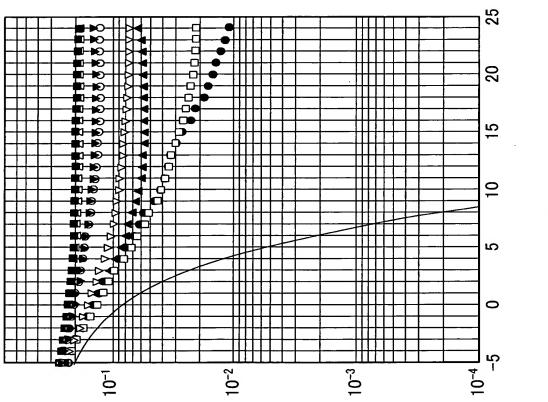


FIG.72



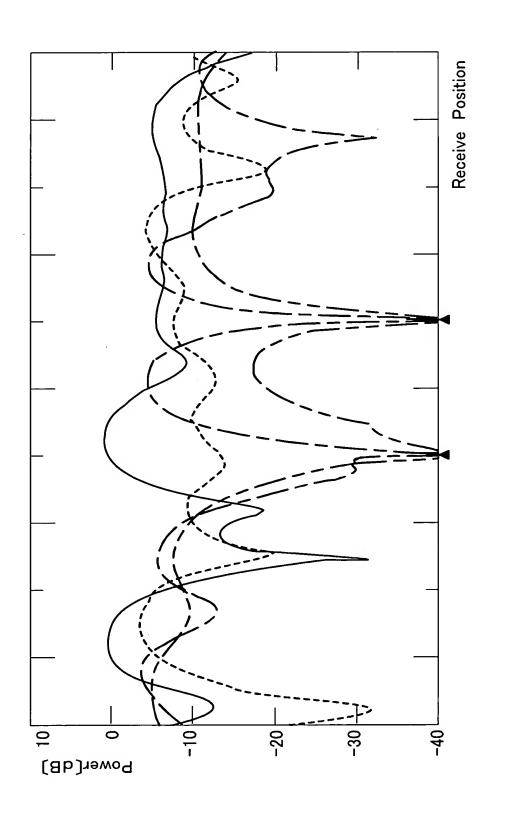
 $\tilde{V}_{j,\,\tau}^{\tau}$



IG.74

P1:	22 P3 P4	DS1	DS2	DS3	DS4
		DS1=v11·d1+	DS2=v12·d1+	DS3=v13·d1+	DS4=v14·d1+
<u></u> ✓		v21·d2+v31·	v22·d2+v32·	v23·d2+v33·	v24·d2+v34•
ANTENNAI	ANTENNA3	d3+v41·d4	d3+v42·d4	d3+v43·d4	d3+v44·d4
ANTE	TENNA2 ANTENNA4				

FIG.75



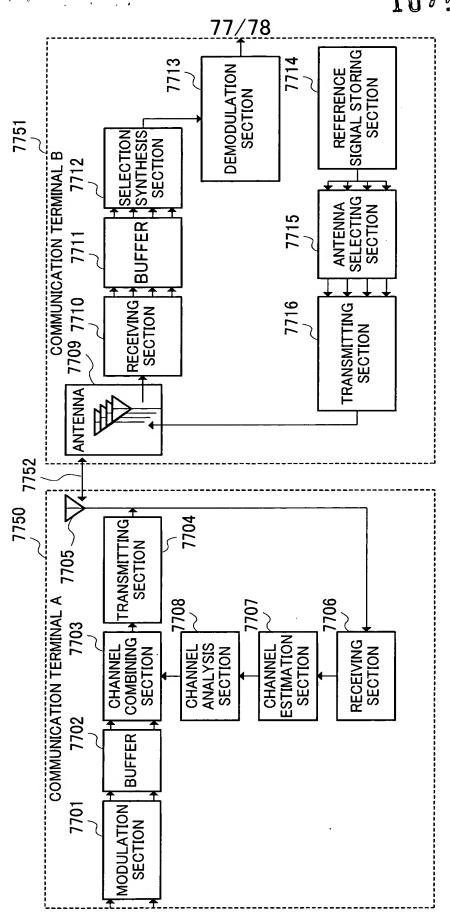


FIG.77

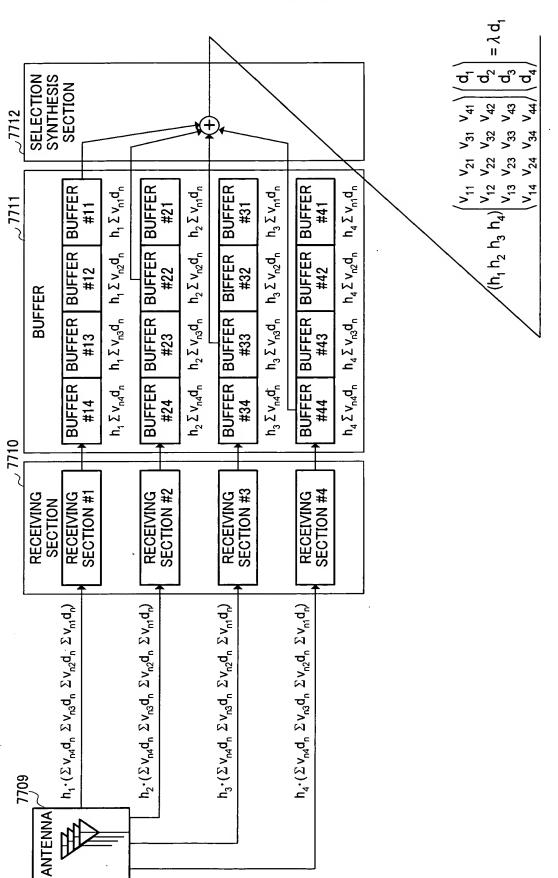


FIG. 78